

CLAIMS

1ST) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY" characterized by the artifon catheter device (A) to be composed of a Y connector (1); a manipulator component of the concentric perforation tube (2); an external concentric tube component (3), within which a concentric perforation tube component is (4) placed, while its far end is connected to a needle component (5); radiopaque mark components (6); a manipulating component of the external concentric tube (7); a retraction blockade component (8).

2nd) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY", in accordance with claim 1, characterized by the manipulating component of the concentric perforation tube (2), specified in the form of male, female or male-female connectors with standard connections and manufactured in thermoplastic polymer.

3rd) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY" in accordance with claim 1, characterized by the external concentric tube component (3), to be preferably manufactured in PTFE, composed of material that facilitates sliding of the concentric perforation tube component (4) within it, with the possibility of supporting sharp bends without breakage or damage along its extension, being able to present reinforcement in the form of metal or polymer meshes, in the form of spiral metal wire, placed at its far end.

4th) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY" in accordance with claim 1, characterized by the needle com-

ponent (5), manufactured in steel, with sliding properties and with a certain rigidity, making it possible to perform sharp bends, with the necessity of possessing an inner diameter that provides for the passage of the guide line of due measure in regard to the perforating procedure.

5

5th) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY", in accordance with claim 1, characterized by the radio-paque marks component (6), manufactured in biocompatible radiopaque material, in gold, and attached to the needle component (5).

10
15
6th) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY", in accordance with claim 1, where the functional concept is characterized by the sliding of the concentric perforating tube (4), in which a needle component (5) is mounted, within the external concentric tube (3), generating the perforating operation, creating access above the papilla through fistula-papillotomy to view the biliary passages.

20
25
7th) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY", in accordance with claim 6, the functional characteristic of which is alternatively characterized by the perforating operation, obtained with a blocked artifon catheter device (A), that is, with the retracting blockage component (8) activated, where perforation is performed manually with the artifon catheter device (A) on the surface to be perforated.

30
8th) "CONSTRUCTIVE DISPOSAL PLACED IN ARTIFON CATHETER APPLIED IN PERFORATIONS ABOVE THE PAPILLAE IN FISTULA-PAPILLOTOMY", in accordance with claim 6, characterized by the injection of contrast in the internal luminosity of the concentric perforating tube (4)

with a Y connector component (1) connected to its far end, while the injection of contrast is directed through a guide line inserted within it.